

WIL-BM-JP-M12-3.0U**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



Motion detector for the WIL-LED luminaire with screw connection, 3m supply cable and M12 cable for connection to the WIL lamp. Switching time adjustable.

General ordering data

| | |
|------------|----------------------------|
| Order No. | 2537710000 |
| Type | WIL-BM-JP-M12-3.0U |
| GTIN (EAN) | 4050118549164 |
| Qty. | 1 pc(s). |

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Technical data

Dimensions and weights

| | | | |
|------------|-------|-----------------|------------|
| Depth | 36 mm | Depth (inches) | 1.417 inch |
| Height | 23 mm | Height (inches) | 0.906 inch |
| Width | 51 mm | Width (inches) | 2.008 inch |
| Net weight | 40 g | | |

Temperatures

| | |
|-----------------------|------------|
| Operating temperature | -20 - 60°C |
|-----------------------|------------|

Cable technical specifications

| | | | |
|----------------|-----|--------------------|----------------------|
| Cable Material | PUR | Sheathing colour | black |
| Cable length | 3 m | Core cross-section | 0.34 mm ² |

Connection data

| | | | |
|-------------------|--------|--------|-----------------------------------|
| Connection thread | M12 | Coding | A-coded |
| Tightening torque | 0.8 Nm | Wiring | PIN 4: + (black), PIN 3: - (blue) |

Electric data

| | | | |
|---------------|---------|---------------|---------|
| Rated voltage | 24 V DC | Rated current | < 3.0 A |
|---------------|---------|---------------|---------|

General technical data

| | | | |
|------------------------|--------------|-------|--|
| Protection degree | IP20 | | |
| Dwell time, min. | 2 s | | |
| Dwell time, max. | 360 s | | |
| Detection range | min. | 0.1 m | |
| | max. | 7 m | |
| | Configurable | Yes | |
| Detection area (angle) | 110 ° | | |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC002955 | ETIM 7.0 | EC002955 |
| ETIM 8.0 | EC002955 | ETIM 9.0 | EC002955 |
| ECLASS 11.0 | 27-11-06-92 | ECLASS 12.0 | 27-11-06-92 |
| ECLASS 13.0 | 27-11-06-92 | ECLASS 14.0 | 27-11-06-92 |

Environmental Product Compliance

| | |
|--------------------------------------|--------------------------------------|
| REACH SVHC | Lead 7439-92-1 |
| SCIP | 82a8bf14-9104-4ca4-ab0c-226d976fdcac |
| RoHS Compliance Status | Compliant with exemption |
| RoHS Exemption (if applicable/known) | 6c |

Data sheet

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Technical data

Approvals

Approvals



ROHS

Conform

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Catalogues

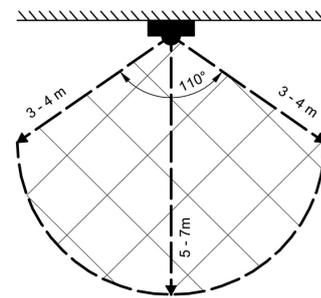
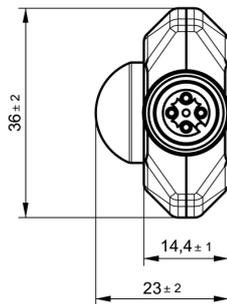
[Catalogues in PDF-format](#)

WIL-BM-JP-M12-3.0U

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Drawings



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Accessories

PUR halogen-free black (U)



Sensor/actuator cables are used for wiring sensors and actuators and for transmitting data or power in various applications. The moulded cable offers connected and tested connection of the plug-in connector to the cable ex-works. The cables may be exposed to a wide range of conditions, such as humidity, dust, heat, cold, shock or vibration.

Our developers have focused specifically on this issue and designed a host of different M8 and M12 sensor-actuator cables so you are bound to find the solution you need for your application.

The M8 and M12 sensor-actuator cables are supplied as standard with brass nickel-plated nuts. However if you are looking to use our products in an extremely harsh environment, we can also supply a variant with a plastic nut. This enables use in environments where cables with nickel-plated M8 and M12 nuts would rust.

Is there something you have not managed to find or you feel needs explanation? Talk to us!

General ordering data

| | | | |
|------------|----------------------------|--|--|
| Type | SAIP-M12BG-3-3.0U | Version | |
| Order No. | 1108730300 | Sensor/actuator line, One end without connector, M12, Number of | |
| GTIN (EAN) | 4032248888481 | poles : 3, 3 m, Female socket, straight, Shielded: No, LED: No, Sheath | |
| Qty. | 1 pc(s). | material: PUR, Halogen: No | |

JACKPAC® Zubehör



Weidmüller is now one of the industry's leading international providers of connectors. An important mainstay in this product family are the circular connectors, which Weidmüller groups under the product name SAI. In the development of SAI products, Weidmüller engineers have always concentrated on achieving rational, cost-effective installation concepts, and – in cooperation with major users – have supplied the markets with well-conceived products which set standards in terms of functionality and quality across the globe. An example is the Jackpac® product family. These modules are waterproof signal converters.

General ordering data

| | | | |
|------------|----------------------------|-----------------------|--|
| Type | JP CLIP M | Version | |
| Order No. | 8778490000 | JACKPAC, Relay module | |
| GTIN (EAN) | 4032248448418 | | |
| Qty. | 10 pc(s). | | |

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Accessories

Straight



Individual cable lengths are often required nowadays. In order to meet these demands, Weidmüller offers a wide range of plug-in connectors for custom assembly. Male plugs and female socket for customisable assembly for M8, M12, M16 and 7/8" connections which are highly robust and ideally suited to machine engineering, for instance. The M12 plug-in connectors offer a choice of 5 different connection systems.

The screw connection can be used in a wide range of applications. With this technology the conductor, optionally with wire-end ferrules, can be plugged into connection elements and secured with a screw. It is the classic, cheapest form of connection technology that also supports multi-conductor connections.

General ordering data

| | | |
|------------|----------------------------|--|
| Type | SAIS-4/7 | Version |
| Order No. | 9457550000 | Field attachable connector, M12, pin, straight |
| GTIN (EAN) | 4032248167647 | |
| Qty. | 1 pc(s). | |
| Type | SAIB-4/7 | Version |
| Order No. | 9457240000 | Field attachable connector, M12, Female socket, straight |
| GTIN (EAN) | 4008190312275 | |
| Qty. | 1 pc(s). | |

PUR halogen-free black (U)



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General ordering data

| | | |
|------------|----------------------------|---|
| Type | SAIL-M12BG-3-3.0U | Version |
| Order No. | 9457820300 | Sensor/actuator line, One end without connector, M12, Number of poles : 3, 3 m, Female socket, straight, Shielded: No, LED: No, Sheath material: PUR, Halogen: No |
| GTIN (EAN) | 4032248228195 | |
| Qty. | 1 pc(s). | |